

Appl. No. : 10/730,670  
Amdt. dated March 28, 2005  
Reply to Office Action Mailed December 29, 2004

**Remarks/Arguments**

In the specification, additional brief descriptions of drawings are inserted to describe new drawings to illustrate claims enumerated by the Examiner. These new figures are Fig. 9 through Fig. 17. These new descriptions are inserted at page 9, line 186.

In the specification, the paragraph beginning at page 10, line 209, which starts with "As has been discussed, an adhesive is frequently used in the anchoring process" has been amended to correct a minor editorial problem.

In the specification, new paragraphs are inserted after the paragraph beginning at page 12, line 241, which starts with "Fig. 8 shows an embodiment wherein the threaded nut portion of the expansion shell" and before the paragraph beginning at page 12, line 255, which starts with "In one embodiment, the quantity of machine threads". These new paragraphs explain the figures added to illustrate the claims enumerated by the Examiner and add no new material.

There is one amended drawing sheet, the fifth sheet which includes Fig. 6. Fig. 6 is amended to include a legend indicating that Fig. 6 illustrates prior art. The other Fig.'s on this sheet are not changed.

There are two new drawings sheets which have Fig. 9 through Fig. 17. These Fig.'s illustrate elements in the claims which Examiner has noted require illustration in the drawings. These new drawings add no new material but rather more fully illustrate the features previously claimed, identified, and described, specifically; Fig. 9 illustrates greater than two wedge fingers, 70, as the claims are amended; Fig. 9 illustrates the threaded nut being notched 90; Fig 12

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illustrates the shaft portion having a smaller diameter at the threaded end and a larger diameter at the other end and a taper transition 110; Fig. 10 illustrates the camming nut featuring a number of flat side; Fig. 15 illustrates threaded nut that is notched 90; and finally, Fig. 15 illustrates greater than two bails, 70, as the claims are amended.

In response to the Examiner's rejection, claim 1, 19, and 35 are amended to more clearly claim that the camming nut remains fixed in its longitudinal location while the mine roof bolt is inserted and the anchoring mechanism is activated to engage the expansion shell with the camming nut.

Claim 4 is amended to claim embodiments having greater than two wedge fingers. Claims 6 and 7 are canceled as being redundant. Claim 22 is amended to claim embodiments having greater than two bails. Claims 24 and 25 are canceled as being redundant. Original claims 36 - 42 are kept as originally submitted.



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Respectfully submitted,

A handwritten signature in black ink, appearing to read "R. R. Waters".

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## APPENDIX